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U. S. DEPT. OF AGRICULTURE  
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JUL 8 - 1965

CURRENT SERIAL RECORDS

**WATER SUPPLY OUTLOOK**  
and  
**FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS**  
for  
**WYOMING**

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,  
and  
STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

||||||| AS OF |||||  
**JUNE 1, 1965**

# UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

## To Recipients of Water Supply Outlook Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from advance estimates of the streamflow.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, up to 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

Streamflow forecasts are obtained by a comparison of total or maximum snow accumulation, as measured by snow water equivalent, to the subsequent spring and summer or snowmelt season runoff over a period of years. The snow water equivalent measured in selected snow courses provides most of the index to the streamflow forecast for the following season. More accurate forecasts are usually obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast procedure. Early season forecasts assume average climatic conditions through the snowmelt season.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions. Soil Conservation Service Reports may be secured from Soil Conservation Service, 511 N.W. Broadway - Room 507, Portland, Oregon 97209.

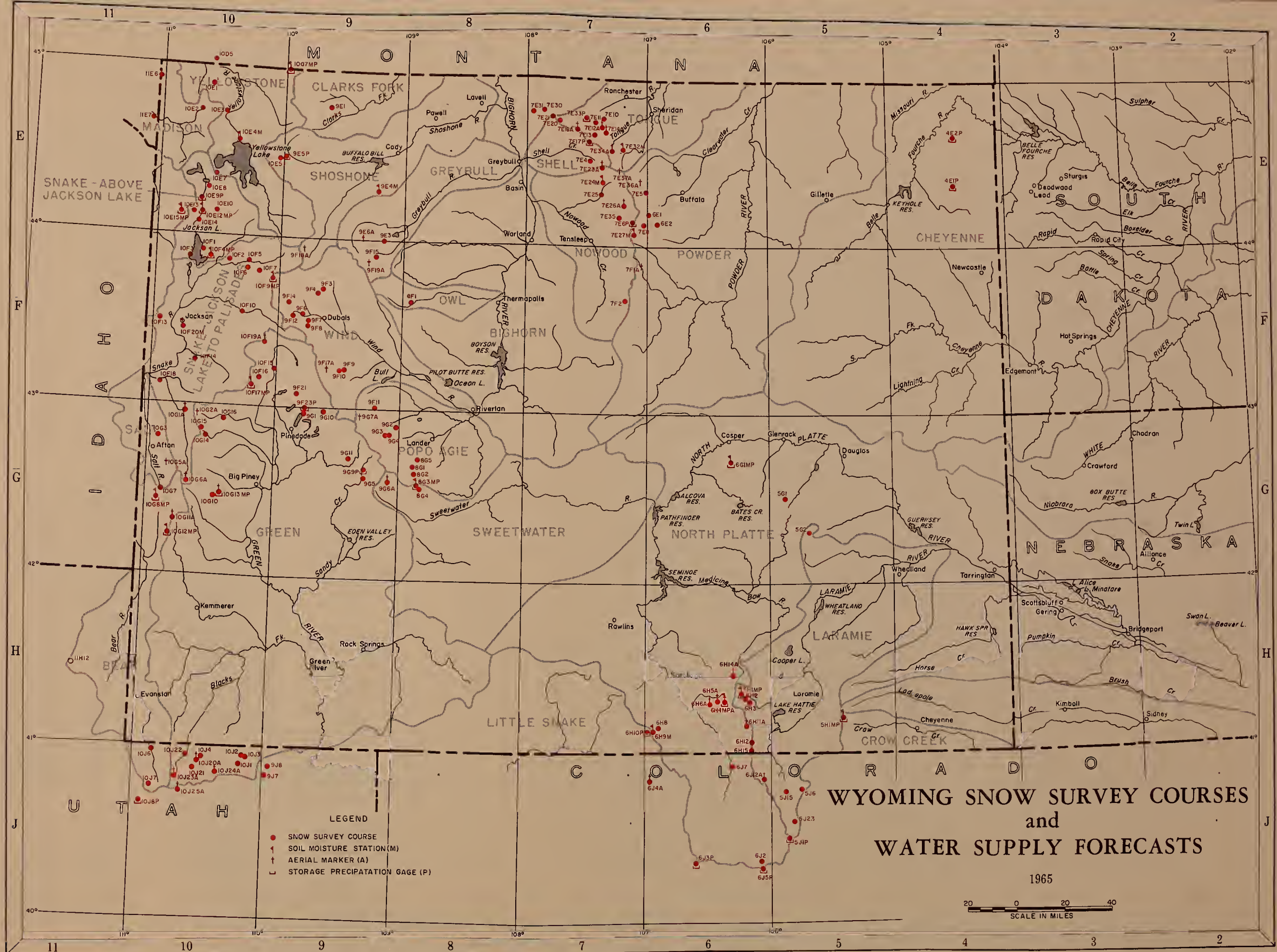
## PUBLISHED BY SOIL CONSERVATION SERVICE

<u>REPORTS</u>	<u>ISSUED</u>	<u>LOCATION</u>	<u>COOPERATING WITH</u>
<b>RIVER BASINS</b>			
WESTERN UNITED STATES	MONTHLY (FEB.-MAY)	PORTLAND, OREGON	ALL COOPERATORS
BASIC DATA SUMMARY	OCTOBER 1	PORTLAND, OREGON	ALL COOPERATORS
<b>STATES</b>			
ALASKA	MONTHLY (MAR.-MAY)	PALMER, ALASKA	ALASKA S.C.D.
ARIZONA	SEMI-MONTHLY (JAN.15 - APR.1)	PHOENIX, ARIZONA	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO	MONTHLY (FEB.-MAY)	FORT COLLINS, COLORADO	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO	MONTHLY (JAN.-JUNE)	BOISE, IDAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JAN.-JUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
NEVADA	MONTHLY (JAN.-MAY)	RENO, NEVADA	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES DIVISION OF WATER RESOURCES
OREGON	MONTHLY (JAN.-JUNE)	PORTLAND, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JAN.-JUNE)	SALT LAKE CITY, UTAH	UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEB.-JUNE)	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEB.-JUNE)	CASPER, WYOMING	WYOMING STATE ENGINEER

## PUBLISHED BY OTHER AGENCIES

<u>REPORTS</u>	<u>ISSUED</u>	<u>AGENCY</u>
BRITISH COLUMBIA	MONTHLY (FEB.-JUNE)	WATER RESOURCES SERVICE, DEPT. OF LANDS, FOREST AND WATER RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA	MONTHLY (FEB.-MAY)	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.







## INDEX TO WYOMING SNOW COURSES

DRAINAGE BASIN AND COURSE NAME		WYOMING NUMBER	ELEV.	LOCATION		RANGE LONG.	RECORD REGAN	MEAS. <sup>a</sup> DATES	MEAS. <sup>b</sup> BY	DRAINAGE BASIN AND COURSE NAME	WYOMING NUMBER	ELEV.	LOCATION		RANGE LONG.	RECORD SEGAN	MEAS. <sup>a</sup> DATES	MEAS. <sup>b</sup> BY	DRAINAGE BASIN AND COURSE NAME	WYOMING NUMBER	ELEV.	LOCATION		RANGE LONG.	RECORD BEGAN	MEAS. <sup>a</sup> DATES	MEAS. <sup>b</sup> BY		
				SEC. LAT.	TWP.								SEC. LAT.	TWP.															
MISSOURI RIVER DRAINAGE										MISSOURI RIVER DRAINAGE										COLORADO RIVER DRAINAGE									
Modison River										Parcupine Creek										Green River above Green River									
Norris Basin	10E2	7500	44° 44'		110° 42'	1936	2,3,4,5,	2		Five Springs Falls	7E31	7500	19	56N	92W	1956	2,3,4,5	1	8ig Sandy Opening	9C9P	9220	17	31N	104W	1961	2,3,4,5	1,4		
21 Mile m	11E6	7150	1	11S	5E	1934	1,2,3,4,5	1		Medicine Wheel	7E30	9000	24	56N	92W	1956	2,3,4,5	1,6	slind Bull Summit	10G2A	8750	6	34N	115W	1948	2,3,4	1		
West Yellowstone m	11E7	6700	34	13S	5E	1934	1,2,3,4,5	1											Dutch Joe R.S.	9G5	8700	32	31N	104W	1936	2,3,4,5	1,4		
Yellowstone										Tongue River										Elk Heart Park C.S.									
Canyon	10E3	7750	44° 44'		110° 30'	1938	1,2,3,4,5	1		Beaver-Tongue Divide	7E20	9200	12	55N	91W	1956	2,3,4,5	1,6	Groa Ventre	10F19A	8750	36	40N	111W	1948	2,3,4,5	1,4		
Grevice Mountain m	10D5	8400	22	9S	9E	1935	3,4	4		8ig Goose #2	7E32M	7700	4	53N	86W	1955	2,3,4,5	1,6	Kendall R.S. #2	10F15	7900	23	38N	110W	1961	2,3,4,5	1,4		
East Entrance	9E5MP	7000	44° 29'		110° 00'	1948	1,2,3,4,5	2		Bone Spring Divide	7E18A	9200	32	55N	89W	1956	2,3,4,5	1,6	Loomis Park #2	10F16	8500	14	37N	111W	1960	2,3,4,5	1,4		
Lake Camp #2	10E4M	7850	44° 34'		110° 24'	1937	1,2,3,4,5	1		Burgess R.S. #2	7E33P	7900	36	56N	89W	1955	2,3,4,5	1,6	Mulligan Park	9C1	8900	28	35N	108W	1936	2,3,4,5	1,4		
Lupine Creek	10E1	7300	44° 54'		110° 37'	1938	1,2,3,4,5	2		Dome Lake #2	7E34A	8800	11	53N	87W	195Q	2,3,4,5	1,6	New Fork Lake	9F21	8325	11	36N	109W	1961	2,3,4,5	1,4		
Northeast Entrance	10D7MP	7400	33	9S	14E	1937	1,2,3,4,5	2		Geneva Pass	7E37A	10600	30	52N	86W	1961	2,3,4,5	1	North Horse Creek	10C16	8200	12	34N	114W	1961	2,3,4,5	1,4		
Thumb Divide	7E07	7900	44° 22'		110° 35'	1946	2,3,4	5		Cloom Creek	7E14A	9300	32	55N	87W	1956	2,3,4,5	1,6	Piney LaBarge #2	10G10	8820	19	29N	114W	1959	2,3,4,5	1,4		
Sylvan Pass	10E5	7100	44° 28'		110° 02'	1936	1,2,3,4,5	2		Cloom Creek	7E17P	8950	19	54N	88W	1956	2,3,4,5	1,6	Pocket Creek	9C11	9360	19	32N	105W	1961	2,3,4,5	1,4		
										Cranite Pass	7E17P	8950	19	54N	88W	1956	2,3,4,5	1,6	Poison Meadows	10G6A	8500	29	30N	116W	1948	2,3,4,5	1,4		
										Sibley Lake	7E11	8000	10	55N	87W	1956	2,3,4,5	1,6	Snyder Basin R.S. #2	10C13MP	8040	15	29N	114W	1956	2,3,4,5	1,4		
										Steamboat Point	7E10	7500	32	56N	87W	1956	2,3,4,5	1,6	Soda Lake	10G14	8300	14	33N	115W	1955	2,3,4,5	1,4		
										Sucker Creek	7E12A	9000	19	55N	87W	1956	2,3,4,5	1,6	Triple Peaks	1CG15	8500	33	34N	115W	1956	2,3,4,5	1,4		
										Wood Rock G.S.	7E13	8500	3	54N	88W	1956	2,3,4,5	1,6											
Clark's Fark										Powder River										Green River below Green River									
Lodgepole	9E1	8200	32	56N	106W	1940	2,3,4,5	1,4											Big Park	10C11A	8700	7	27N	117W	1951	2,3,4,5	1,4		
Wind River																													
8ig Warm	9F12	8800	36	42N	109W	1955	2,3,4,5	1		Bear Trap	7F1A	8000	10	45N	85W	1960	2,3,4,5	1	Black's Fk Junc. u	10J22	8925	33	3N	12E	1961	3,4,5	1		
Burroughs Creek	9F4	8800	15	43N	107W	1948	2,3,4,5	1		Clouds Peak	7F36A	10000	15	51N	85W	1960	2,3,4	1	Buck Pasture u	10J23A	9700	14	1N	11E	1963	2,3,4,5	1		
Dinwoodie	9F10	10000	8	3N	6W	1948	2,3,4,5	1,3		Middle Powder	7F2	7400	16	43N	86W	1960	2,3,4,5	1	East Fk Black's Fk u	10J21	9300	25	2N	12E	1961	3,4,5	1		
Dinwoodie Glaciers	9F17A	10500	43° 16'		109° 38'	1959	2,3,4	1		Muddy Creek G.S.	6E2	7800	2	48N	84W	1956	2,3,4,5	1	Elk River c	6J4	8700	6	10N	85W	1936	2,3,4,5	1		
Dry Creek	9F9	9500	10	3N	6W	1948	2,3,4,5	1,3		Munkres Pass	7E8	9700	11	48N	85W	1950	2,3,4,5	1	Hayden Fork u	10J7	9300	1	1S	9E	1951	4,5	1		
DuNoir	9F6	8750	27	42N	108W	1940	2,3,4,5	1		Onion Gulch	7E27M	8100	31	48N	85W	1956	2,3,4,5	1	Henry's Fork u	10J24A	10200	5	1N	14E	1963	2,3,4,5	1		
Ceyser Creek	9F7	8500	12	41N	108W	1948	2,3,4,5	1		Powder River Pass	7E6P	8200	1	48N	86W			Hewinta R.S. u	10J4	9500	33	3N	13E	1930	3,4,5	1			
Little Warm	9F8	9500	24	41N	108W	1948	2,3,4,5	1		Soldier Park	7E5	8700	36	51N	85W	1950	2,3,4,5	1,6	Hickerson Park u	9J8	9100	24	2N	17E	1961	3,4,5	1		
Sheridan R.S. #2	9F14	7500	3	42N	109W	1955	2,3,4,5	1		Sour Dough	6E1	8500	17	49N	84W	1936	2,3,4,5	1,6	Hole-in-the-rock u	10J1	9150	13	2N	15E	1931	4	1		
T-Cross Ranch	9F3	8000	1	43N	107W	1940	2,3,4,5	1										Hole-in-the-rock GS u	10J3	8300	32	3N	16E	1954	4				
Togwotee Pass	10F9MP	9600	29	44N	110W	1936	2,3,4,5	5										Kelley R.S.	10G12MP	8200	13	26N	118W	1951	2,3,4,5	1,4			
Papo Agia River										Sweetwater																			
Blue Ridge	8G2	9500	23	31N	101W	1939	2,3,4,5	1		Crannier Meadows	8C4	9000	19	30N	100W	1937	2,3,4,5	1	Lake Fork Basin u	10J25A	11100	13	1S	11E	1962	2,3,4,5	1		
Bruce's Camp	8G5	6500	24	32N	101W	1955	2,3,4	1		Larsen Creek	9G6A	9000	12	30N	103W	1949	2,3,4,5	1	Middle Beaver Creek u	10J2	8550	31	3N	16E	1954	4	1		
Hobbs Park	9G3	10000	22	2S	3W	1948	2,3,4,5	1,3		South Pass	8C3MP	9000	13	30N	101W	1939	2,3,4,5	1	Old Battle	6H10P	9800	29	14N	85W	1936	2,3,4,5	1,6		
Mosquito Park R.S.	9G4	9500	23	2S	3W	1940	2,3,4,5	1										Steel Creek Park u	10J20A	9900	8	2N	13E	1962	2,3,4,5	1			
Sawmill Glade	8C1	8500	3	31N	101W	1939	2,3,4,5	1		Brooklyn Lake #2	6H1MP	10200	11	16N	79W	1956	2,3,4,5	1	Spirit Lake u	9J7	10300	10	1N	17E	1961	3,4,5	1		
South Pass	8C3MP	9000	13	30N	101W	1939	2,3,4,5	1		Cameron Pass c	5J1P	10285	2	6N	76W			Trial Lake u	10J8P	9800	5	2S	9E	1931	1,2,3,4,5	1			
St. Lawrence R.S.	9F11	9000	26	1N	4W	1940	2,3,4,5	1,3		Deadman Hill c	5J6	10200	26	10N	75W	1937	3,4,5	1											
Trout Creek	9G2	8400	5	2S	2W	1948	2,3,4,5	1,3		Evans	6H15	9000	4	12N	78W	1960	2,3,4,5	1											
Twenty Lakes	9G7A	10500	22	1S	5W	1959	2,3,4	1		Foxpark	6H12	9200	21	13N	78W	1936	2,3,4,5	4											
Owl Creek										Crow Creek										COLUMBIA RIVER DRAINAGE									
Owl Creek	8F1	8700	36	43N	101W	1948	2,3,4,5	1		Hairpin Turn #3	6H2	9500	24	16N	79W	1936	2,3,4,5	1	Snake River Bosin (Above Jackson Lake)										
Greybull River										Narth Platte																			
Absaroka Divide	9E6A	10000	28	47N	104W	1961	2,3,4	1		Libby Lodge #2	6H3	8700	29	16N	78W	1936	2,3,4,5	1	Arizona	10F1	6850	35	46N	115W	1919	2,3,4	5		
Kirwin 9	9F19A	11000	13	45N	104W	1960	2,3,4	1		Lost Lake c	5J23	9300	32	8N	75W			Astor Creek	10E8	7700	44° 17'		110° 37'	1919	2,3,4	5			
Wood River #2	9F15	8000	28	46N	103W	1956	2,3,4,5	1		McIntyre c	5J15	9100	35	10N	76W	1949	2,3,4,5	1	Base Camp	10F2	6900	20	46N	113W	1947	2,3,4	5		
Timber Creek #2	9E3	8800	25	47N	103W	1955	2,3,4,5	1		Pole Mountain #2	5H1MP	8700	35	15N	72W	1936	2,3,4,5	1	Coulter Creek	10E10	7600	44° 09'		110° 33'	1919	2,3,4	2		
Shashane River										Crow Creek																			
Carter Mountain	9E4M	7800	15	50N	103W	1957	1,2,3,4	1		Roach c	6J12A	9800	5	10N	77W	1940	2,3,4,5	1	Clade Creek	10E13	7200	44° 08'		110° 44'	1919	2,3,4	5		
East Entrance	9E5P	7000	44° 29'		110° 00'	1948	1,2,3,4,5	1										Grassy Lake	10E15MP	7265	6	48N	116W	1940	2,3,4,5	5			
Sylvan Pass	10E5	7100	44° 28'		110° 02'	1936	1,2,3,4,5	2		Role Mountain #2	5H1MP	8700	35	15N	72W	1936	2,3,4,5	1	Huckleberry Divide	10E14	7300	32	48N	115W	1919	2,3,4	5		
Yount's Peak	9F18A	8500	43° 56'		109° 49'	1960	2,3,4	1										Lewis Lake Divide	10E9P	7900	44° 13'		110° 40'	1919	2,3,4,5	5			
Nowood Creek										Narth Platte																			
Bear Trap	7F1A	8000	10	45N	85W	1960	2,3,4,5	1		Albany	6H11A	9400	18	14N	78W	1949	2,3,4,5	1	Moran	10F4MP	6800	8-17	45N	114W	1919	2,3,4	5		
Cold Springs Camp	7E25	8700	1	50N	8W	1956	2,3,4,5	1		Bottle Creek	6H8	8200	24	14N	85W	1936	2,3,4,5	1,6	Moran Bay	10F3	6800	14	45N	116W	1919	2,3,4	5		
Medicine Lodge Lakes	7E24M	9500	7	51N	87W	1956	2,3,4,5	1		Boxelder #2	5G1	9000	31	30N	75W	1950	2,3,4,5	1	Snake River Station	10E12MP	6780	44° 08'		110° 40'	1919	2,3,4	5		
Middle Powder	7E2	7400	16	43N	86W	1960	2,3,4,5	1		Cameron Pass	5J1P	10285	2	6N	76W	1936	2,3,4,5	1	Thumb Divide	10E7	7900	44° 22'		110° 35'	1951	2,3,4	5		
Munkres Pass	7E8	9700	11	48N	85W	1950	2,3,4,5	1		Casper Mountain	6G1MP	8700	16	32N	79W	1954	1,2,3,4,5	1											
Onion Gulch	7E27M	8100	31	48N	85W	1956	2,3,4,5	1		Columbine c	6J3P	9300	21	5N	82W	1936	2,3,4,5	1	Afton R.S.	10G4	6200	30							

a. Numerals 1,2,3,4 and 5 refer to January 1, February 1, March 1, April 1, and May 1.

1. Soil Conservation Service. c. Colorado snow courses.
2. U. S. National Park Service. m. Montana snow courses.
3. U. S. Indian Service. sd. South Dakota snow courses.
4. U. S. Forest Service. u. Utah snow courses.
5. U. S. Bureau of Reclamation. A. Aerial Snow Depth Gage
6. Wyoming State Engineer. M. Soil Moisture Stick

- c. Colorado snow courses.
- m. Montana snow courses.
- sd. South Dakota snow courses.
- u. Utah snow courses.
- A. Aerial Snow Depth Gage
- M. Soil Moisture Stack
- P. Pearson Storage Gage

FEDERAL STATE COOPERATIVE  
SNOW SURVEYS AND WATER SUPPLY FORECASTS  
FOR  
WYOMING

Issued  
June 1, 1965

Report Prepared  
by  
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The June 1, 1965 bulletin includes the unpublished snow survey data of January 1, 1965, and the post-season snow surveys of May 15, and June 1.



# WYOMING SNOW SURVEYS - ABOUT JANUARY 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS					
			1965			PAST RECORD		
			Date of Survey	Snow Depth (In.)	Water Content (In.)	Water Content (In.)		
						1964	1963	1948-62 Average
<u>UPPER YELLOWSTONE - YELLOWSTONE PARK</u>								
Canyon	10E3	7750	12/29	48	12.6	3.6	4.3	
East Entrance	10E6	7000	12/29	28	6.3	2.9	2.5	4.4*
Lake Camp #1	10E4	7840	12/30	34	7.1	2.4	N.R.	4.0*
Lake Camp #2	10E4	7840	12/30	32	5.7	2.1	N.R.	
Lupine Creek	10E1	7300	12/28	31	7.0	2.9	3.0	4.4*
Norris Basin	10E2	7500	12/28	32	7.2	3.8	3.1	4.3*
Northeast Entrance	10D7MP	7400	12/29	24	5.6	2.7	3.0	3.9
Sylvan Pass	10E5	7100	12/29	36	10.1	4.3	3.9	5.6*
<u>NORTH PLATTE - ABOVE SEMINOE RESERVOIR</u>								
Casper Mountain	6G1	7940	1/4/65	23	4.7	1.7	2.0	
<u>GREEN RIVER - ABOVE GREEN RIVER</u>								
East Rim Divide	10F17MP	7950	No Report			N.R.	1.0	4.7*
<u>JACKSON LAKE TO PALISADES</u>								
Afton R.S.	10G4	6200	12/30	8	1.8	2.1	N.R.	2.7*
Bryan Flat	10F14	6250	No Report			N.R.	N.R.	4.2*
CCC Camp	10G7	7500	12/30	38	8.8	4.0	1.6	5.1
Greys Boundary	10F18	5800	12/30	19	4.4	4.2	N.R.	4.9
Grover Park Divide	10G3	7500	12/31	31	7.9	3.9	3.0	5.0
Salt River Summit	10G8P	7900	12/30	50	12.4	5.4	2.0	6.5*
Snow King Mtn. #3	10F20M	7600	No Report			N.R.	N.R.	6.1*
Teton Pass #2	10F13	8500	No Report			N.R.	14.2	14.4
<u>SNAKE RIVER - ABOVE JACKSON LAKE</u>								
Arizona	10F1	6850	12/29	48	13.7	6.6	3.0	7.4*
Astor Creek	10E8	7700	12/29	78	24.7	8.0	8.0	13.3*
Base Camp	10F2	6900	12/30	52	16.0	6.5	4.0	8.2*
Glade Creek	10E13	7200	12/29	47	13.9	6.5	3.9	9.1*
Grassy Lake	10E15	7265	12/29	71	22.6	10.1	7.1	14.7
Huckleberry Divide	10E14	7300	12/29	46	12.7	6.7	3.5	8.1*
Lewis Lake Divide	10E9	7900	12/28	87	28.8	12.8	9.7	18.4*
Moran	10F4MP	6500	12/30	37	10.3	3.8	1.8	5.4*
Snake River Station	10E12MP	6780	12/28	46	12.8	6.2	4.8	8.6*
Thumb Divide	10E7	7900	12/30	67	18.1	5.6	6.6	8.9*

\* Average does not contain 15 years of record in the 1948-62 period.

M Soil moisture stack.

P Pearson precipitation gage.



# UNITED STATES DEPARTMENT OF AGRICULTURE

Report of the  
 Commissioner of the General Land Office  
 for the year ending June 30, 1904

Volume

No.

1904

## LAND ACQUISITION

1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897

## LAND ACQUISITION

1904	1903	1902	1901	1900	1899	1898	1897
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## LAND ACQUISITION

1904	1903	1902	1901	1900	1899	1898	1897
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## LAND ACQUISITION

1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
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1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897

## LAND ACQUISITION

1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897
1904	1903	1902	1901	1900	1899	1898	1897

WYOMING SNOW SURVEYS - ABOUT MAY 15, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS					
			Date of Survey	1965 Snow Depth (In.)	Water Content (In.)	PAST RECORD		
						Water Content (In.)		
						1948-62	1964	1963 Average

NORTH PLATTE RIVER - ABOVE SEMINOLE RESERVOIR

Bottle Creek	6H8	8200	5/14	45	12.6	11.4	T	4.5*
North Barrett Creek	6H5M	9400	5/13	53	22.7	27.0	10.8	16.9*
North French Creek	6H4P	10200	5/13	71	30.9	43.1	23.6	22.5*
Old Battle	6H10P	9800	5/14	83	36.6	34.9	21.9	27.4*
Ryan Park	6H6	8400	5/13	15	5.8	12.3	0.0	3.8*
Webber Spring	6H9M	9000	5/14	44	17.9	15.7	5.1	6.9*

LOWER YELLOWSTONE - SHELL CREEK

Granite Pass	7E17	8950	5/14	74	26.6			
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NORTH PLATTE - LARAMIE MOUNTAINS

Casper Mountain	6G1	8700	5/10	65	16.5			
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\* Less than 15 years record in the 1948-62 period.





# WYCMING SNOW SURVEYS - ABOUT JUNE 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS					
			1965			PAST RECORD		
			Date of Survey	Snow Depth (In.)	Water Content (In.)	Water Content (In.)		
						1964	1963	1948-62 Average

## NORTH PLATTE RIVER - ABOVE SEMINOE RESERVOIR

Bottle Creek	6H8	8200	6/2	5	1.5	0.0	N.R.	0.0*
North Barrett Creek	6H5M	9400	6/1	32	16.1	9.5	T	10.9*
North French Creek	6H4P	10200	6/1	59	29.3	27.9	10.6	24.4*
Old Battle (**)	6H10P	9800	6/2	56	28.5	17.1	9.1	19.6*
Ryan Park	6H6	8400	No Report			0.0	N.R.	0.0*
Webber Springs	6H9M	9000	6/2	12	6.2	0.0	T	4.6*

(\*\*) May 1 Average for Old Battle should have been 33.1.

\* Less than 15 years of record in the 1948-62 period.

M Soil moisture stacks.

P Pearson precipitation gage.



## CORRECTIONS FOR 1965 SNOW SURVEY BULLETINS

DRAINAGE BASIN and SNOW COURSE	Number or State	Elev.	SNOW COVER MEASUREMENTS					
			Date of Survey	1965		PAST RECORD		
				Snow Depth (In.)	Water Content (In.)	Water Content (In.)		
						1964	1963	1948-62 Average
FEBRUARY								
<u>GREEN RIVER ABOVE GREEN RIVER</u>								
Dutch Joe R.S.	9G5	8700	1/28	51	12.2**	5.4	3.5	6.4*
<u>JACKSON LAKE TO PALISADES</u>								
Snow King Mtn. #3	10F20M	7600	2/1	55	15.9**	7.9	6.9	9.0*
MARCH								
<u>LOWER YELLOWSTONE - POPO AGIE RIVER</u>								
St. Lawrence R.S.	9F11	9000	2/28	35	10.6**	5.3	3.5	5.8a
<u>NORTH PLATTE ABOVE SEMINOE RESERVOIR</u>								
Webber Springs	6H9M	9000	2/28	58**	19.1**	10.4	13.0	15.3
APRIL								
<u>LOWER YELLOWSTONE - WIND RIVER</u>								
Big Warm	9F12	8800	3/25	46	12.5**	9.1	8.0	9.0*
<u>UPPER YELLOWSTONE - YELLOWSTONE PARK</u>								
Canyon	10E3	7750	3/31	67**	24.4**	16.1	12.3	16.3
<u>LOWER YELLOWSTONE - SHOSHONE RIVER</u>								
Carter Mtn.	9E4M	7800	3/30	24	5.1**	4.3	3.9	5.4*
MAY								
<u>LOWER YELLOWSTONE - TONGUE RIVER</u>								
Burgess R.S. #2	7E33P	7900	4/26	49**	11.3	15.4	9.4	9.0*
Gloom Creek	7E14A	9300	4/18	67	21.8**	20.3	14.9	16.7*
<u>NORTH PLATTE RIVER</u>								
Brooklyn Lake #2	6H1MP	10200	4/27	78	27.1**	22.7	19.2	24.4a
Deadman Hill	5J6	10300	4/26	59**	19.0	17.1	14.7	18.1
Rock Creek	6H14	9800	5/2	71**	29.9	33.7	28.7	
<u>UPPER YELLOWSTONE - YELLOWSTONE PARK</u>								
Canyon	10E3	7750	4/30	56**	24.7	16.0	14.5	13.5*

\*\* Figure given is corrected figure.





# Agencies Cooperating in Wyoming Snow Surveys

## FEDERAL

U.S. Department of Agriculture  
Forest Service  
Soil Conservation Service

U.S. Department of Commerce  
Weather Bureau

U.S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service

## STATE

State Engineer of Wyoming

## PRIVATE

Irrigation Districts  
Wheatland Irrig. Dist.  
Greybull Valley Irrig. Dist.

Soil and Water Conservation Districts  
Bridger Valley SWCD  
Clouds Peak SWCD  
Cody SWCD  
Dubois-Crowheart SWCD  
Greybull Valley SWCD  
Lake DeSmet SWCD  
Laramie Rivers SWCD  
Little Snake River SWCD  
Medicine Bow SWCD  
Pavillion and Wind River SWCD  
Pinedale SWCD  
Powder River SWCD  
Powell-Clarks Fork SWCD  
S and E SWCD  
Shell Valley SWCD  
Shoshone SWCD  
Tongue River SWCD  
Washakie SWCD  
Wheatland SWCD

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

P. O. Box 340

CASPER, WYOMING 82602

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domestic and municipal water  
supply, hydro-electric power  
generation, navigation,  
mining and industry

*"The Conservation of Water begins  
with the Snow Survey"*